Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 03 Jan 2023 until 23:59 on Wednesday 04 Jan 2023

Forecast Issued on Monday 02 Jan 2023 at 11:22

Confidence: High becoming Medium from Thursday.

Headline for Tuesday 03 Jan 2023: Heavy rain, summit gales and poor visibility.

Mountain weather hazards on Tuesday 03 Jan 2023

Blizzards
No Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Medium Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy snow	Heavy Rain	Drizzle	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
<05%	70%	70%	80%	70%	80%	90%	60%

Forecast for Tuesday 03 Jan 2023

Weather: Outbreaks of rain developing overnight with a transient period of snow at height. Cloudy and overcast with outbreaks of heavy rain during daylight hours and through the evening. The rain lighter and more patchy for a time during the morning. Summit gales and buffeting and very poor visibility.

Chance of cloud-free hill tops above 800m: Nil to 20%

Low cloud and visibility: Extensive, base 300 to 600m, lower at times. Visibility moderate or poor, often very poor at height leading to navigational difficulties.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 03 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	27/34 S	36/45 SE	40/52 SE	30/39 SW	37/48 SW	41/54 S	40/51 S	44/57 SW	38/53 SW
600	25/36 S	30/43 SE	32/46 SE	25/36 SW	29/42 SW	31/46 S	30/43 S	32/46 SW	30/45 SW
300	9/25 S	10/30 SE	13/36 SE	10/28 SW	12/32 S	11/34 S	12/33 S	13/36 SW	14/36 SW
Valley	8/23 S	10/28 SE	13/32 SE	12/28 SW	12/29 S	12/31 S	15/33 S	17/38 SW	17/35 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-1/-9	-0/-9	2/-5	3/-4	4/-4	5/-2	6/-1	6/-1
600	-0/-8	-0/-8	1/-7	3/-2	5/-1	5/-1	6/1	7/2	7/2
300	1/-3	1/-3	3/-2	5/2	6/3	6/3	8/5	8/5	8/5
Valley	3/0	3/-1	5/1	7/4	8/5	9/6	9/6	10/7	10/7
Freezing Level*	500m	500m	1200m	1300m	1500m	1900m	2200m	2300m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Streams becoming full and fast following.

Forecast for Wednesday 04 Jan 2023

Weather: Rather cloudy with showers or some longer outbreaks of rain, occasionally wintry over the summits. Feeling cold in the strong to gale force winds with buffeting.

Maximum wind: West or SW 35mph gusting 50mph, easing later in the day.

Chance of cloud-free hill tops above 800m: 40%

Low cloud and visibility: Extensive cloud, base 600 to 900m, breaking towards the summits in the evening.

Temperature: **Valleys:** Plus 5 to 9 Celsius
At 800m: Plus 2 to 4 Celsius
Freezing level: Above the summits.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 2 January. Location: Helvellyn summit at 13:15. Temperature minus 2.3degC. Maximum wind speed 17.0mph. Wind chill minus 10.3degC. Average wind speed 15.5mph.
Full report: A spectacular day of sunshine and cold temperatures meant the fells were busy with walkers enjoying the conditions before the next poor weather system arrives tomorrow.
Much of the Lake District is now clear of snow apart from a shallow covering on the very highest summits. The exception is Helvellyn which has snow down to 700m and good coverage above 850m. Large cornices (snow overhangs) have formed above the east face and will become very unstable as the temperature rises above summit level on Tuesday.
Swirral Edge is in full winter condition with snow and ice covered rock and should only be attempted by those with the correct experience and equipment. Ice axe and crampons / microspikes are essential to safely ascend or descend this climb. An ice axe will give you extra stability and allow you to stop yourself if you slip. Crampons will help prevent you slipping in the first place. Striding Edge was the easier of the two ridges today but microspikes and an axe were still incredibly useful especially on the exit slopes were much of the snow is becoming compacted and icy.
The weather is forecast to change dramatically on Tuesday with gale force winds, poor visibility in dense fog and rain on the summits. Much of the snow will quickly be stripped and the main hazards will be challenging navigation, wet rock and the thawing cornices.

This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

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